Major: Statistics

After years of competing in numerous math contests, robotics competitions, and NASA’s International Space City Design Competition, I gradually realized that almost all practical disciplines heavily rely on data mining, computing, and mathematical modeling. Therefore, a genuine passion for studying statistics was sparked.

Later, I actively took some introductory courses in data science and marveled at its infinite possibilities. During classes, I collaborated with my classmates to research on identifying and categorizing coins using computer visualization methods. This valuable experience significantly expanded my knowledge as I gained a fundamental understanding of data collection, data classification, and the Convolutional Neural Network models. Moreover, working on this academic project enlightened me to see the importance of absorbing knowledge of linear transformations and matrix factorization, especially in real-life applications. More specifically, I came to understand that mathematics and statistic theory are the “cornerstones” of Artificial Intelligence and Machine Learning. It inspired me to further my studies at college and put my theoretical knowledge into practice.

(这道why major的题目还有60多字的空间，可以再写一点为什么想要申请statistics专业，可以结合自己未来的职业规划，或者结合自己已有的活动，再阐明一下自己对该专业的兴趣)